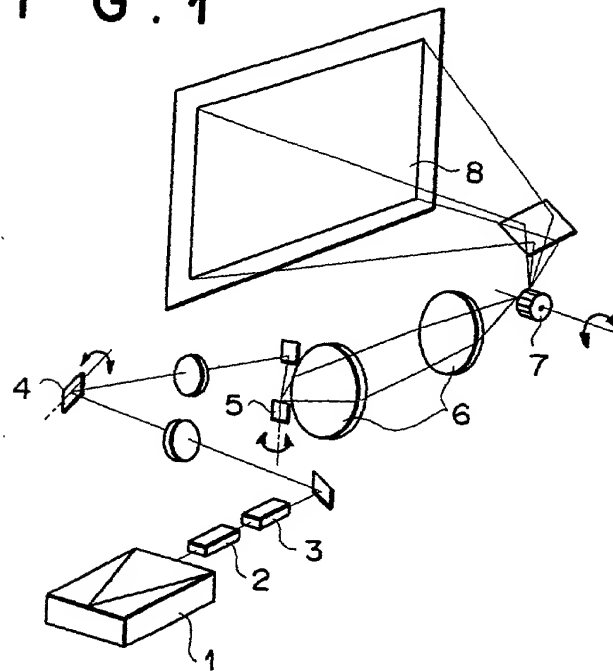


F I G . 1



F I G . 2

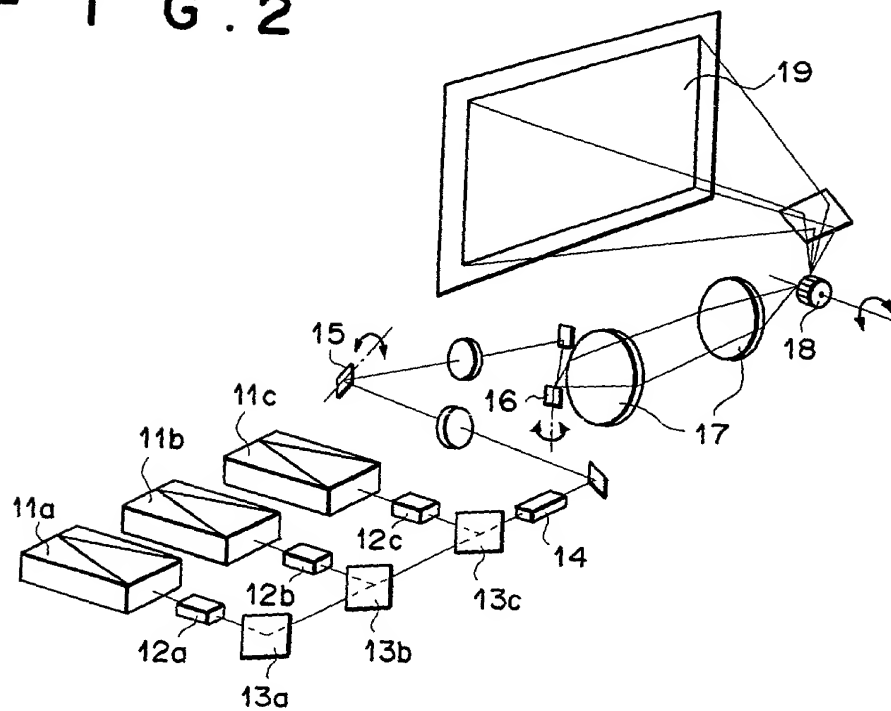
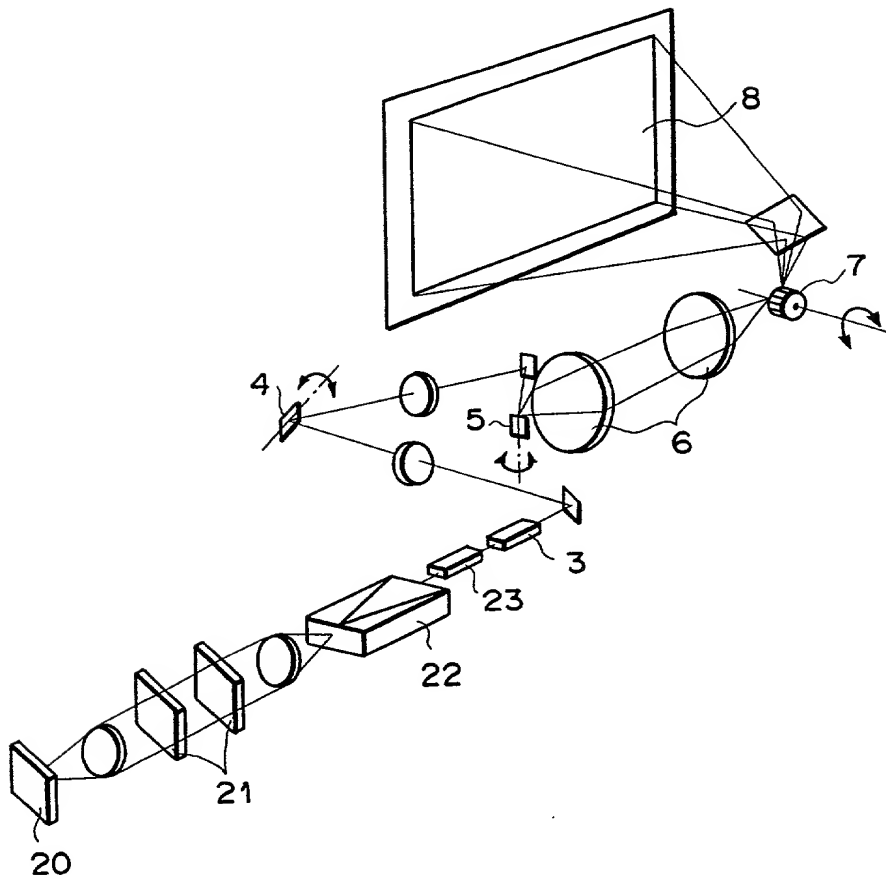


FIG. 1

# FIG. 3



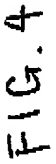


FIG. 5

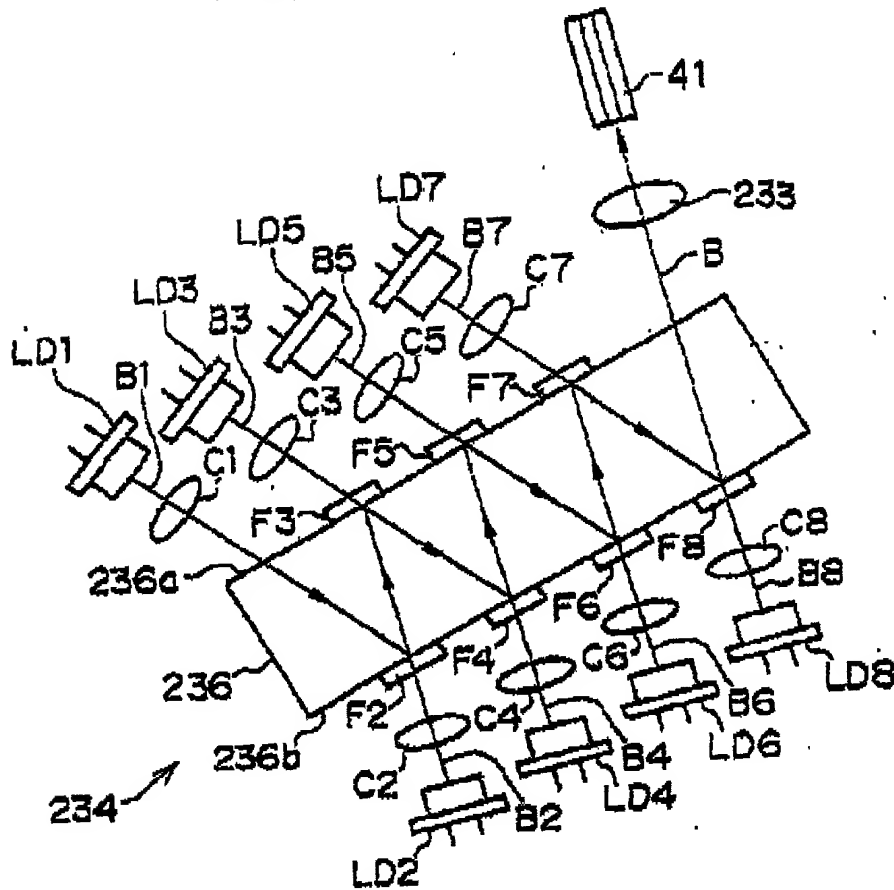
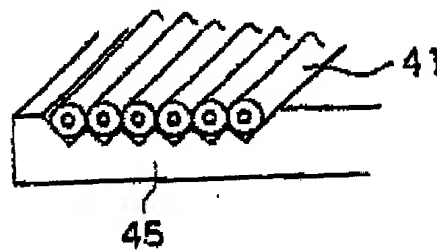
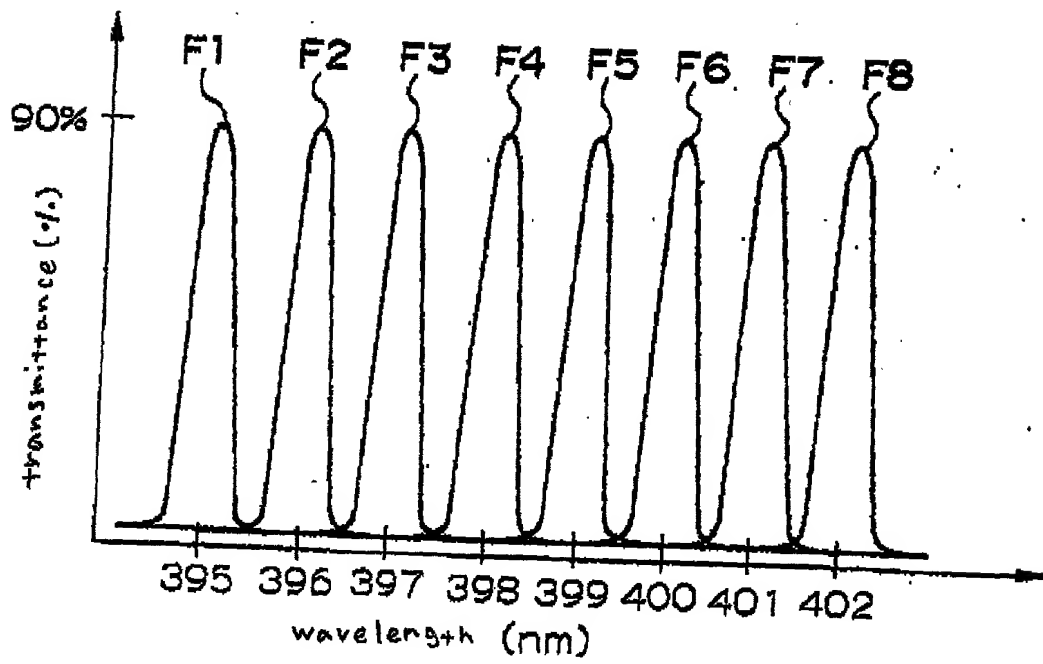


FIG. 6



09987049-11101

FIG. 7



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FIG. 8

FIG. 8

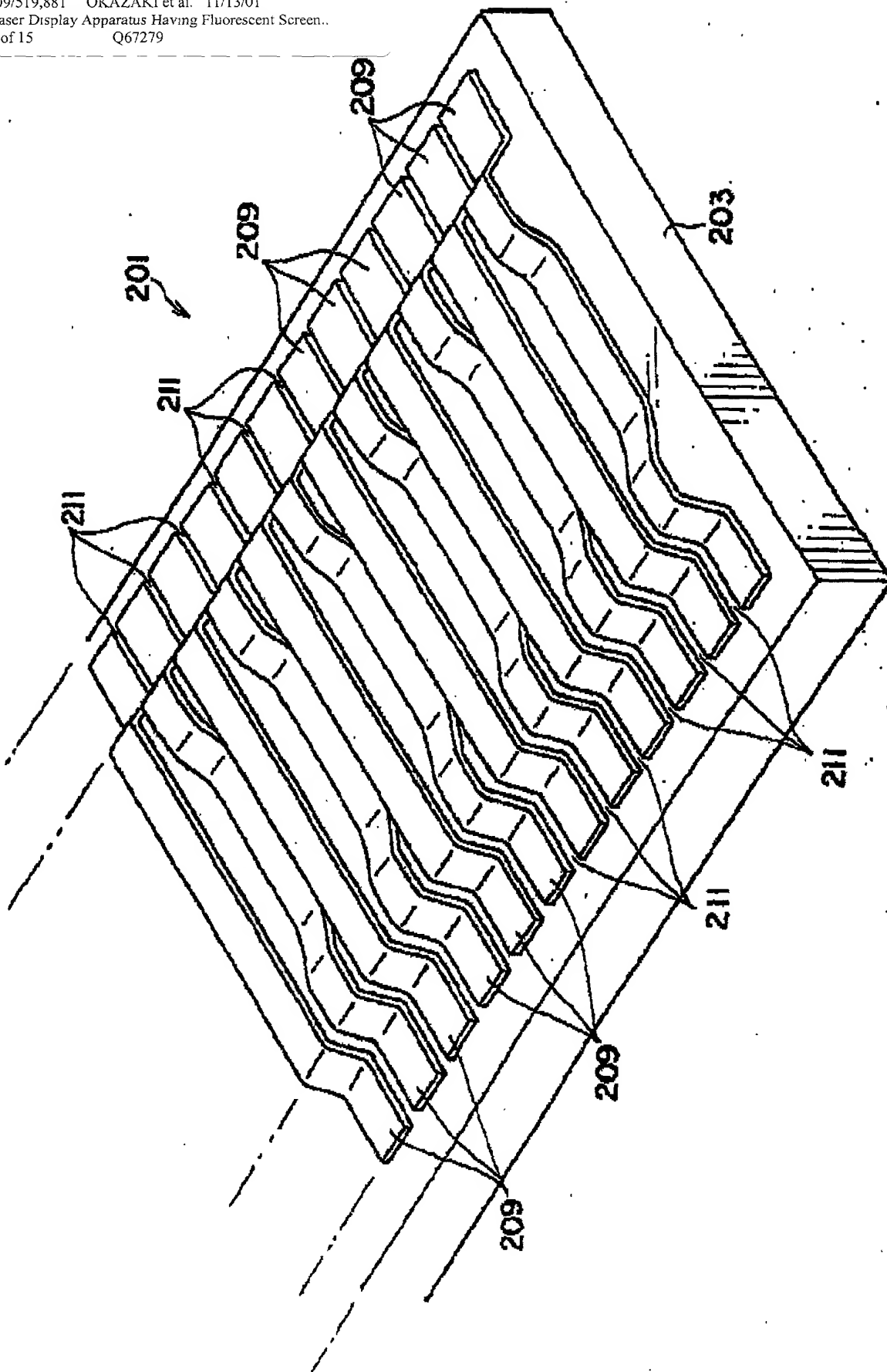
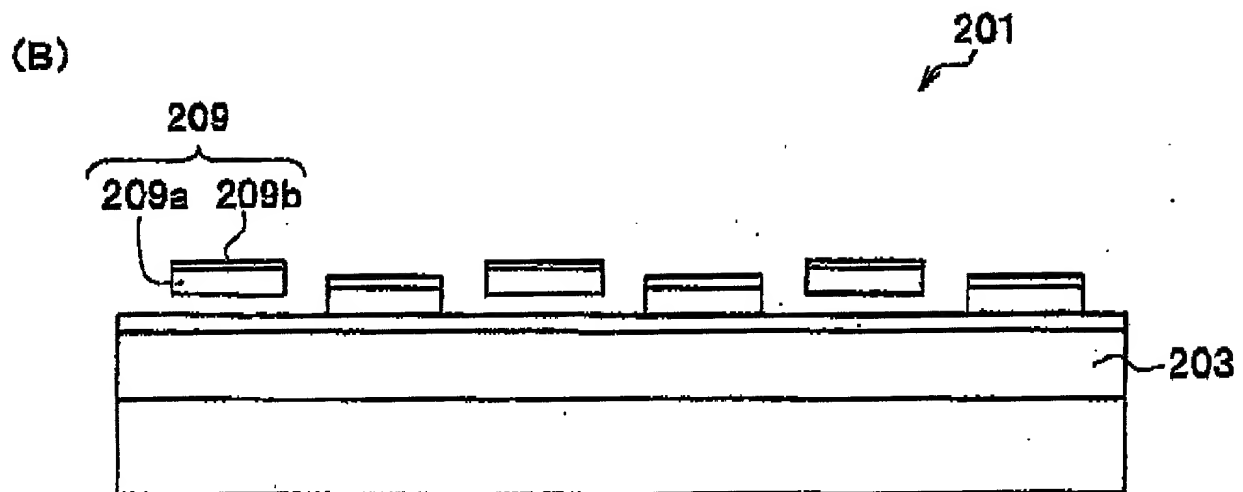
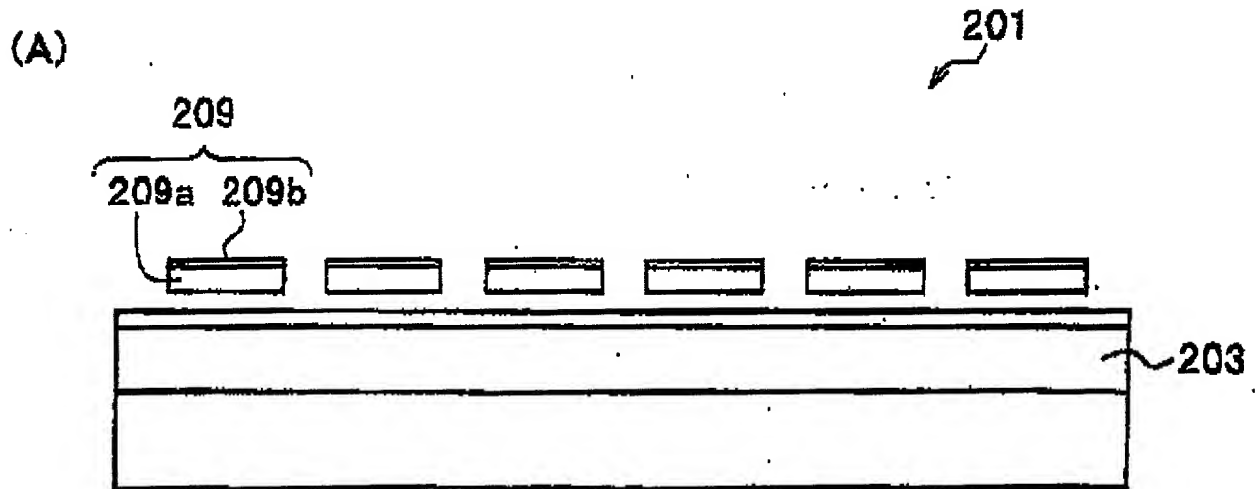


FIG. 9



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FIG. 10

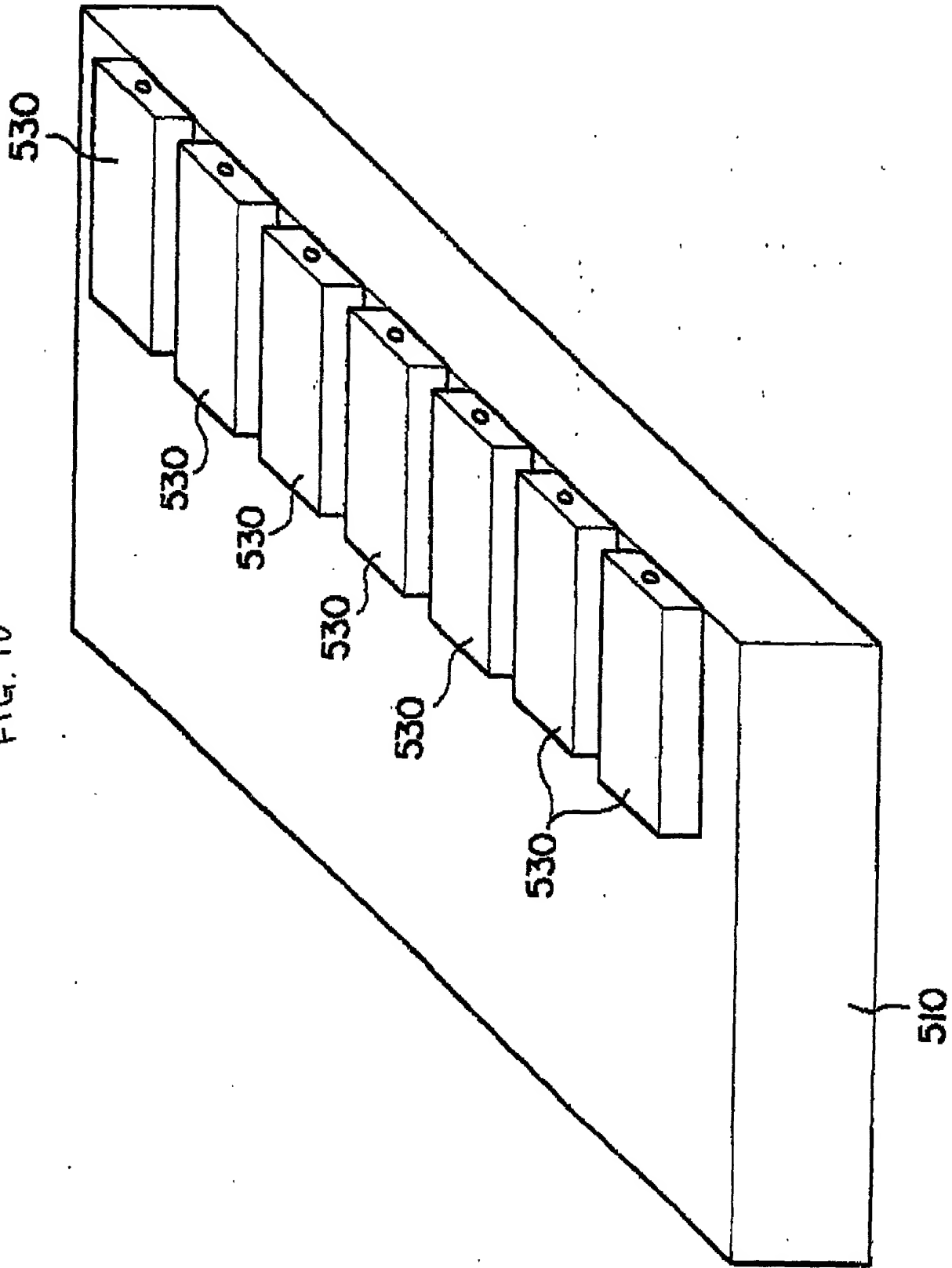




FIG. 11

FIG. 11

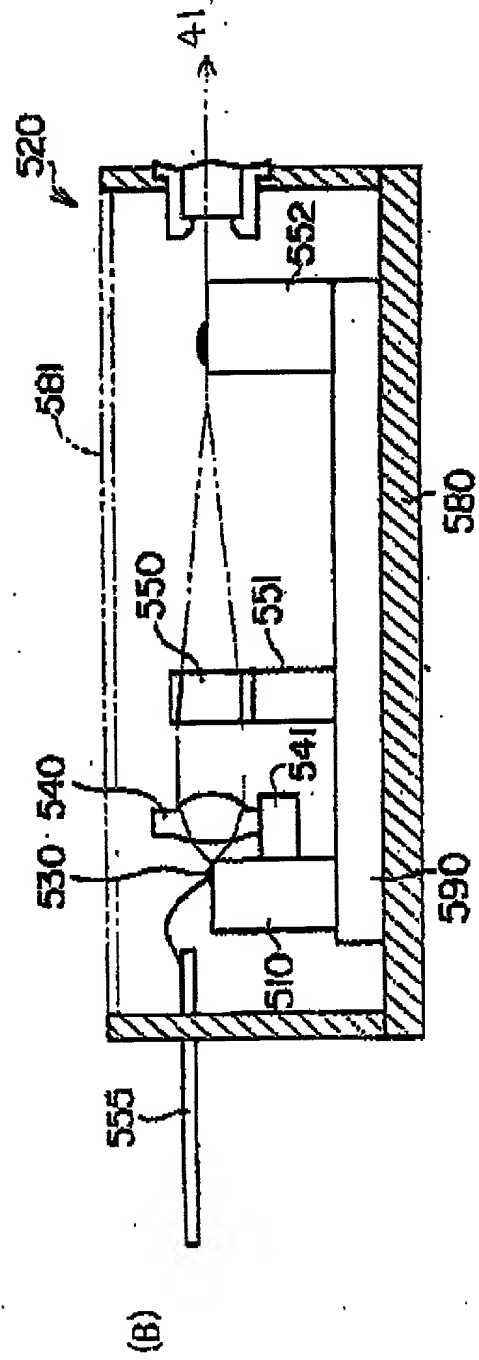
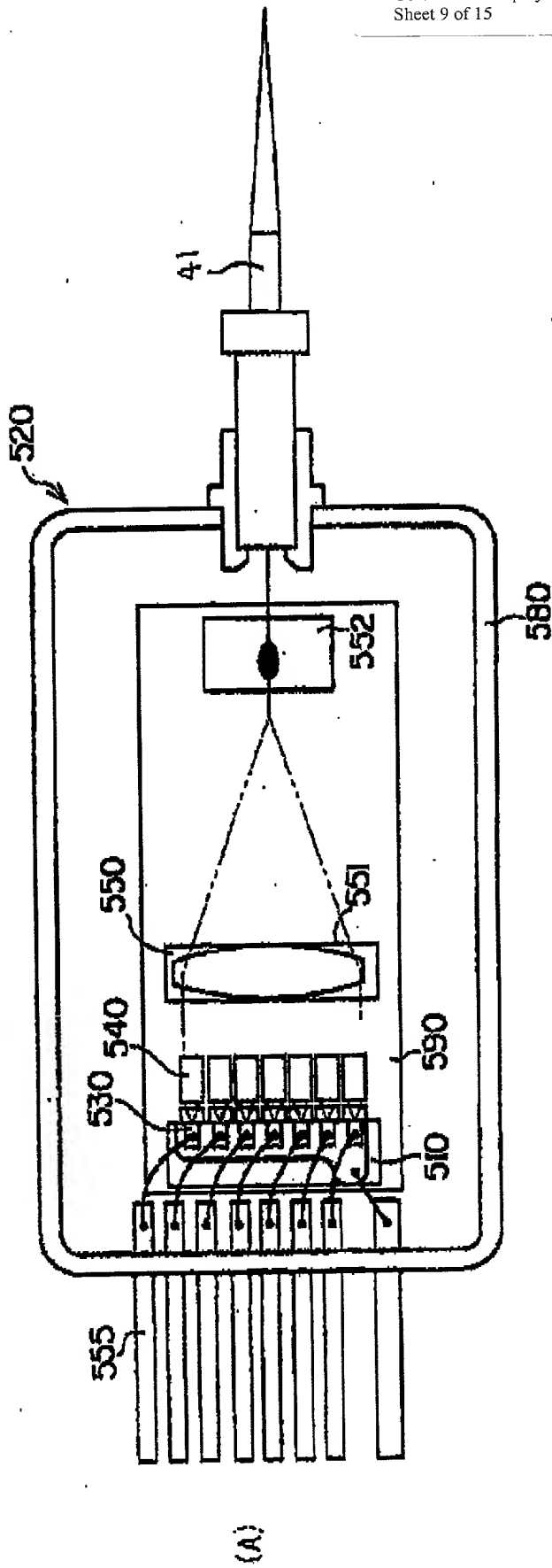


FIG. 12

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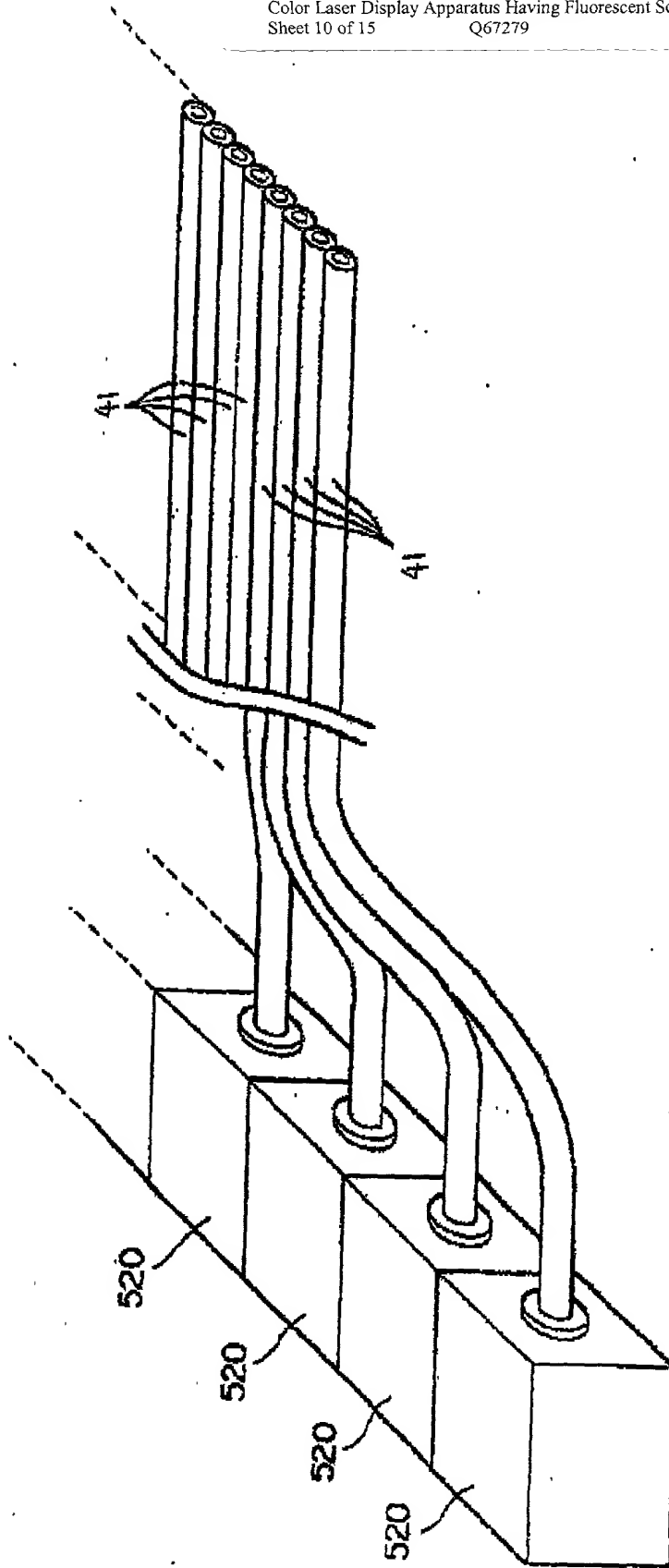


FIG. 13



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anode  
 p-side

FIG. 14

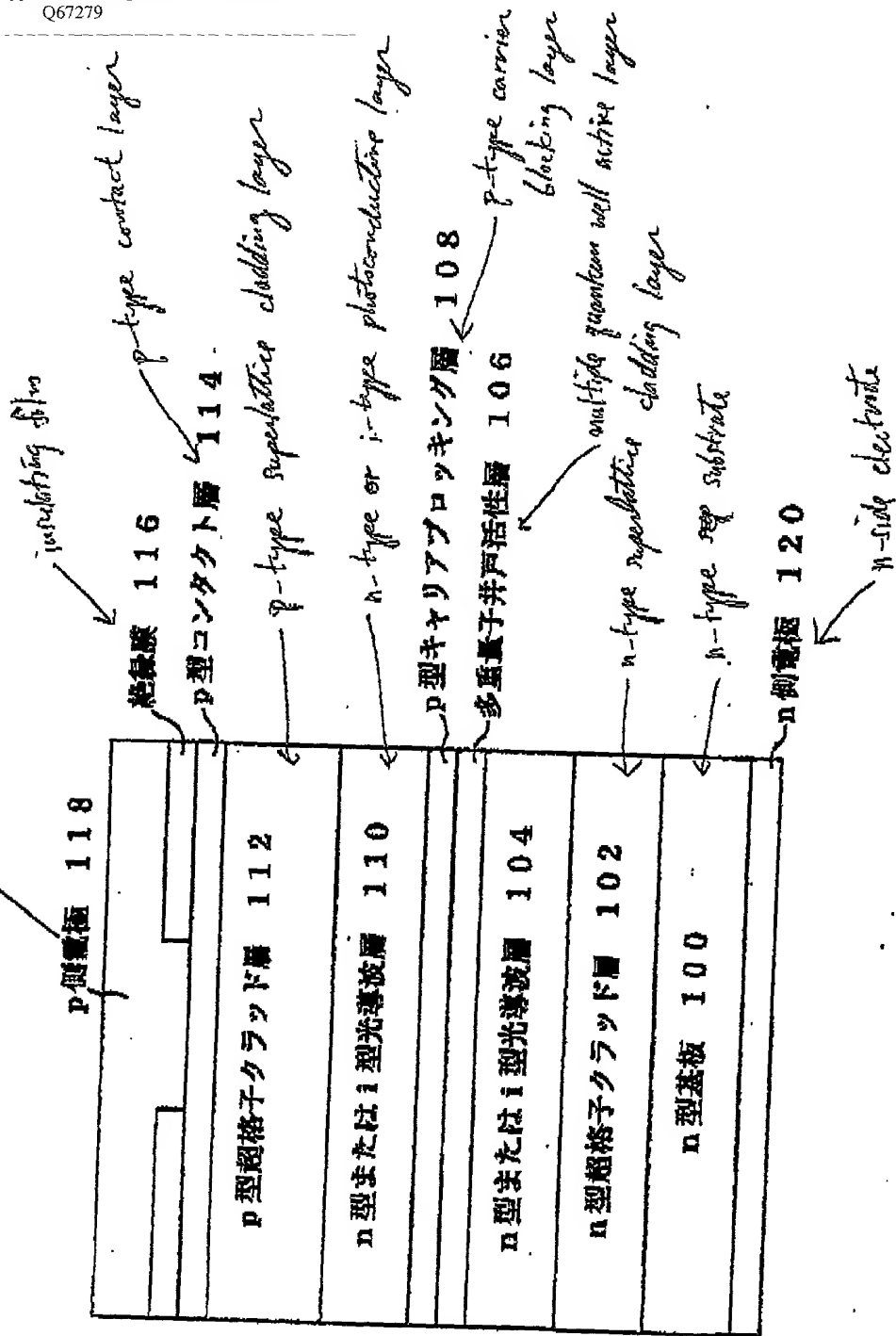


FIG. 15

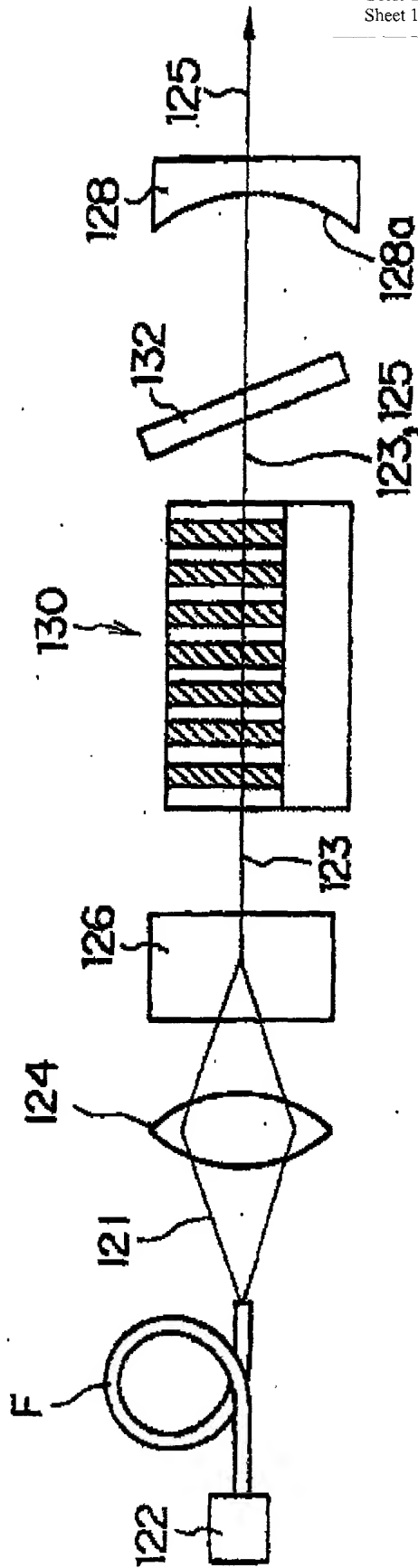


FIG. 15

FIG. 16

Er3+,Yb3+: double clad fiber amplifier

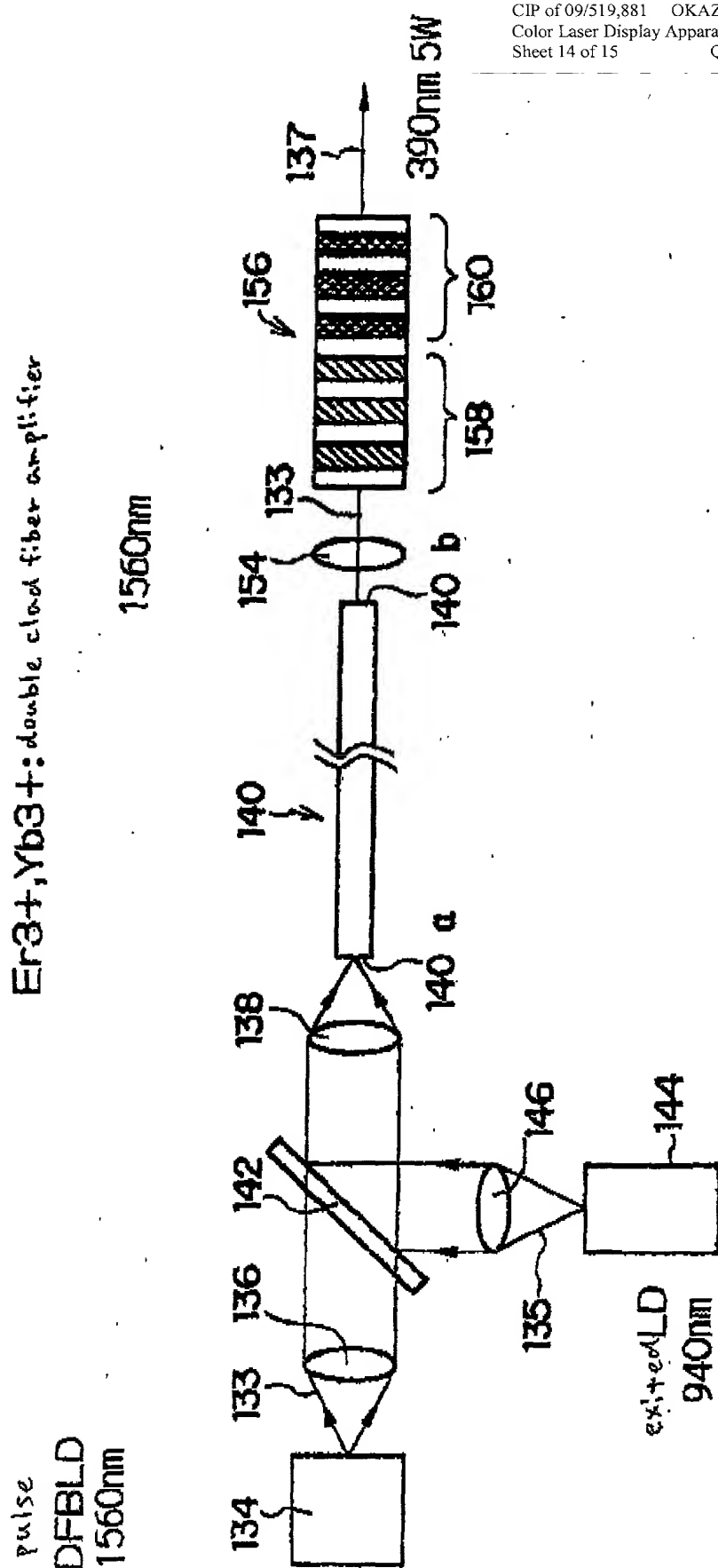


FIG. 17

